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I claim:

1. A product comprising an absorbent fibrous sheet containing one or more chemical agents that react exothermically or endothermically when the sheet is subjected to an externally-applied non-thermal stimulus such that the temperature of the sheet increases or decreases at least 1°C or greater.
2. The product of claim 1 wherein one or more of the chemical agents are encapsulated and the externally applied non-thermal stimulus is pressure sufficient to break the capsules and release the encapsulated chemical agent(s).
3. The product of claim 1 wherein one or more of the chemical agents are encapsulated in a water-soluble encapsulant and the externally applied non-thermal stimulus is water absorbed into the sheet to dissolve the capsules and release the encapsulated chemical agent(s).
4. The product of claim 1 wherein the externally applied non-thermal stimulus is water absorbed into the sheet.
5. The product of claim 1 wherein the reaction is exothermic.
6. The product of claim 1 wherein the reaction is endothermic.
7. The product of claim 1 wherein at least one of the chemical agents is a salt.
8. The product of claim 7 wherein the absolute value of the enthalpy of solution of the salt is about 2,000 calories per mole or greater.
9. The product of claim 8 wherein the salt is selected from the group consisting of KCl, NH_4NO_3 , NaNO_3 , NH_4Cl , CaCl_2 , LiCl and $\text{NaC}_2\text{H}_3\text{O}_2$.

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10. The product of claim 1 wherein the fibers of the absorbent fibrous sheet consist essentially of cellulosic fibers.
11. The product of claim 1 selected from the group consisting of facial tissue, bath tissue
5 and paper towels.
12. The product of claim 1 wherein the temperature of the sheet increases or decreases about 3°C or greater.
- 10 13. The product of claim 1 wherein the temperature of the sheet increases or decreases about 5°C or greater.
14. The product of claim 1 wherein the temperature of the sheet increases or decreases from 1°C to about 10°C.
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15. The product of claim 1 wherein the temperature of the sheet increases or decreases from about 2°C to about 10°C.
16. The product of claim 1 wherein the temperature of the sheet increases or decreases
20 from about 3°C to about 6°C.
17. The product of claim 1 comprising two outer plies and one or more inner plies, wherein the sheet containing the chemical agents is an inner ply.